10/500168

COPY FOR IB

PATENT COOPERATION TREATY

PCT

REC'S 0 7 MAY 2004
WIPO PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Artcle 36 and Rule 70)

Applicant's or agent's file reference	T			
P02K6011/PCT	FOR FURTHER ACTION	SeeNotificationofTransmittalofInternationalPreliminary Examination Report (Form PCT/IPEA/416)		
International application No.	International filing date(day/mo		Priority date (day/month/	
PCT/KR2002/001830	27 SEPTEMBER 2002 (27.09.		31 DECEMBER 2001 (3	31.12.2001)
International Patent Classification (IPC) or national classification and IP	3		
IPC7 G06F 17/30				
Applicant				
KT Corporation et al				
This international preliminary eand is transmitted to the applicar	xamination report has been prepant according to Article 36.	red by this Inter	national Preliminary Exam	ining Authority
2. This REPORT consists of a total	of 3 sheets, include	ding this cover sh	eet.	
•	panied by ANNEXES, i.e., sheets	_		which have been
amended and are the basis	for this report and/or sheets con-	taining rectification		
70.16 and Section 607 of t	he Administrative Instructions un	der the PCT).		
These annexes consist of a total	ofsheets.			
3. This report contains indications	relating to the following items:			
I X Basis of the report				
II Priority				
<u>-</u>	of opinion with regard to novelty	. inventive step a	nd industrial applicability	
IV Lack of unity of in	•	, ·		
Page and statemen	nt under Article 35(2) with regard	to novelty inven	tive sten or industrial annli	cahility:
	nations supporting such statement		arve sup or madsular appli	·
VI Certain documents cited				
VII Certain defects in the international application				
VIII Certain observations on the international application				
Date of submission of the demand	Date	of completion of	this report	
		•	•	
30 JULY 2003 (30.07.2003)		21 APRIL 20	04 (21.04.2004)	
Name and mailing address of the IPEA	/KR Auth	orized officer		A Comment of the Comm
Korean Intellectual Proper 920 Dunsan-dong, Seo-gu, Republic of Korea		NA, Yong Soo		
Facsimile No. 82-42-472-7140		phone No. 82-42	-481-5680	15.111-11

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International aplication No.
PCT/KR2002/001830

I.	Basis	s of the report ·		
1.	With	regard to the elements of the international application:*		
	X	the international application as originally filed		
		the description:		
		pages	, as originally filed	
		pages, filed with the letter of	, filed with the demand	
		the claims:		
	Ш	pages	, as originally filed	
		pages, as amended (together with any		
		pages, filed with the letter of	, filed with the demand	
		the drawings:		
	ш	pages	, as originally filed	
		pages		
	\Box	pages, filed with the letter of		
	ш	the sequence listing part of the description: pages	as originally filed	
		pages		
		pages, filed with the letter of		
2.	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language English which is the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). The language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).			
3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:				
	Ц	contained inthe international application in written form.	•	
	\sqcup	filed together with the international application in computer readable form.		
		furnished subsequently to this Authority in written form.		
		furnished subsequently to this Authority in computer readable form		
		The statement that the subsequently furnished written sequence listing does not go bey international applicationas as filed has been furnished. The statement that the information recorded in computer readable form is identical to the was been furnished.		
4.		The amendments have resulted in the cancellation of:		
		the description, pages the claims, Nos.		
		the drawings, sheet		
5.				
		This report has been established as if (some of) the amendments had not been made, since go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**	they have been considered to	
*	in thi	acement sheets which have been furnished to the receiving Office in response to an invitation und is opinion as "originally filed." and are not annexed to this report since they do not contain 70.17).		
*1	Any i	replacement sheet containing such amendments must be referred $$ to under item $$ I and annexed to	this report.	

INTERNATIONAL PRELIMINARY EXAMINATION

International aplication No.

PCT/KR2002/001830

V. Reasoned statement under A	rticle 35(2) with regard to nove	elty, inventive step o	r industrial applicability;
citations and explanations su	pporting such statement		

1. Statement			
Novelty (N)	Claims	2-18	YES
	Claims	1	No
Inventive step (IS)	Claims	2-7, 12-18	YES
	Claims	1, 8-11	NO
Industrial applicability (IA)	Claims	1-18	YES
	Claims	None	NO

2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

- D1: Y. Alp Aslandogan et al, "Techniques and Systems for Image and Video Retrieval", IEEE Transactions on Knowledge and Data Engineering, Vol.11, Pages 56-63, Jan.-Feb. 1999
- D2: Changick Kim et al, "Object-based video abstraction using cluster analysis:, IEEE proceedings on Image processing, Vol.2, Pages 657-660, 7-10 Oct. 2001
- 1. The subject matter of claim 1 concerns a system for retrieving motion picture, comprising a motion picture segmentation means for segmenting motion picture temporally, a motion picture shape descriptor abstracting means for abstracting a motion picture shape descriptor from the segmented motion picture, and a motion picture metadata storing means for storing the motion picture shape descriptor as metadata. D1 does not explicitly disclose a motion picture segmentation means for segmenting motion picture temporally but discloses video segmentation means. D1 also discloses a shape-based image retrieval. Therefore, the subject matter of claim 1 lacks novelty in the sense of Article 33(2) PCT and does not involve an inventive step according to Article 33(3) PCT.
- 2. The subject matter of claims 8-11 concerns a system for retrieving motion picture including a motion picture retrieving means for calculating the similarity between the first motion picture shape descriptor abstracted from the motion picture shape descriptor abstracting means and a second motion picture shape descriptor outputted from the motion picture shape descriptor metadata storing means. D1 discloses a video segmentation means and a shape descriptor abstracting means and D2 discloses a method for calculating the similarity between two objects. Therefore, the subject matter of claims 8-11 does not involve an inventive step according to Article 33(3) PCT.